

ABSTRACT OF THE DISCLOSURE

A gas regulator includes a slave valve assembly for receiving and controlling the flow of gas to a desired destination. A timing chamber is positioned adjacent to the slave valve assembly. The timing chamber has an inlet for also receiving the gas. An electronically operated pilot valve assembly is in communication with the timing chamber for operating the slave valve assembly. When the pilot valve assembly is closed, gas pressure within the timing chamber acting on the slave valve assembly closes the slave valve assembly. When the pilot valve assembly is open, gas exits the timing chamber and reduces the gas pressure in the timing chamber, thereby allowing the slave valve assembly to open and deliver the gas to the desired destination.